

XXXVIII.—A Key to the Species of the Genus *Crypturus*, with Descriptions of some new Forms. By LORD BRAMBORNE, F.Z.S., M.B.O.U., and CHARLES CHUBB, F.Z.S., M.B.O.U.

Key to the Species.

- A. Upper and under surface similar in colour.
a'. Head chestnut; back brown *C. cinereus*.
b'. Head rufous brown; back sooty black. *C. macconnelli*.
c'. Head and back black *C. berlepschi*.
d'. Head black; back chestnut..... *C. castaneus*.
- B. Under surface paler than the upper surface.
b'. Back rufous brown; head blackish; under surface pale chestnut *C. obsoletus obsoletus*.
c'. Back ochraceous brown; head blackish grey; under surface fawn-colour *C. obsoletus cerviniventris*.
d'. Back chestnut-brown; head dusky brown; under surface greyish white . *C. obsoletus griseiventris*.
e'. Back rich chestnut; head black; throat washed with rufous.
b''. Under surface cinnamon-rufous *C. soui soui*.
c''. Under surface tawny ochraceous .. *C. soui mustelinus*.
- C. Upper surface olive-brown; throat white.
c'. Under surface umber-brown *C. soui albicularis*.
d'. Under surface cinnamon-rufous *C. soui hoffmannsi*.
- D. Upper surface blackish; throat more or less washed with rufous.
d'. Upper parts greyish black; under surface chestnut-umber *C. soui andrei*.
e'. Upper parts brownish blackish; under surface bright chestnut *C. soui caucee*.
f'. Upper surface black; under surface deep chestnut *C. soui harterti*.
- E. Upper surface coarsely vermiculated or with wavy bars.
e'. Larger, wing more than 160 mm.; fore-neck particoloured.
e''. Fore-neck pale chestnut barred with black *C. undulatus undulatus*.
f''. Fore-neck brown with pale cross-bars *C. undulatus scolopax*.
g'. Fore-neck vinous brown with minute black cross-bars *C. undulatus confusus*.
f'. Smaller, wing less than 160 mm.; fore-neck uniform grey *C. transfasciatus*.
- F. Upper surface finely freckled.
f'. Back cinnamon-brown; abdomen dull white; flanks pale rufous *C. adpersus adpersus*.
g'. Back greyish brown; abdomen pale buff; flanks bright rufous *C. adpersus vermiculatus*.
h'. Back rufous brown; abdomen buff; flanks creamy buff *C. adpersus simplex*.
i'. Back chestnut-brown; abdomen pale grey; flanks pale brown *C. yapura*.

- k'*. Back sooty brown; abdomen bright rufous *C. atricapillus*.
 G. With bars on the upper surface, the bars restricted to the lower back and tail.
g'. Back chestnut-brown; breast rufous; abdomen barred with dark brown .. *C. noctivagus*.
h'. Back rufous olive-brown; breast grey; abdomen buffy white *C. strigulosus* ♀.
i'. Back dark olive-brown; breast and abdomen ochraceous brown *C. columbianus*.
 II. Entire back barred, but not the neck.
h'. Bars narrow; head black; chest pale rufous *C. variegatus variegatus*.
i'. Bars broader; head slate-grey.
h''. Chest dull rufous *C. variegatus bimaculatus*.
i''. Chest brownish *C. variegatus salvini*.
 I. Back olive with blackish bars.
i'. Sides of face and chin rufous *C. brevirostris*.
k'. Sides of face dusky and chin white .. *C. bartletti bartletti*.
 K. Back black barred with greenish olive .. *C. bartletti caroli*.
 L. Back dark brown with pale buff bars... *C. cinnamomeus spencei*.
 M. Underparts for the greater portion rufous.
m'. Chest slate-grey, in contrast with the breast; throat rufous *C. dissimilis*.
n'. Chest grey washed with rufous similar to the breast; throat white *C. erythropus*.
 N. Under surface for the most part grey.
n'. Back uniform bright rufous-brown; fore-neck, breast, sides of body, and axillaries pale ash-grey; inner under wing-coverts paler *C. strigulosus* ♂.
o'. Back dark brown with a wash of slate-colour; fore-neck, breast, sides of body, and axillaries dark slate-grey; inner under wing-coverts darker *C. hellmayri*.

Crypturus macconnelli, sp. n.

Adult. Similar to *C. cinereus*, but distinguished by having the head rufous brown and the back sooty black.

Total length 270 mm.; culmen 29; wing 174; tail 40; tarsus 55.

Loc. Bonasica, British Guiana.

Type in McConnell collection.

Crypturus soui albigularis, subsp. n.

Adult. Differs from *C. soui soui* in being olive-brown above, including the back, wings, and tail, and having the head and sides of the face dark grey, the throat white, and the breast and abdomen ochraceous brown.

Total length 240 mm.; culmen 21; wing 137; tail 40; tarsus 37.

Loc. Rio de Janeiro.

Type in the British Museum.

Crypturus soui hoffmannsi, subsp. n.

Adult female. Distinguished from *C. soui soui* by having the upper parts olive-brown, the throat white, and the under surface cinnamon-rufous.

Total length 215 mm. ; culmen 21 ; wing 132 ; tail 34 ; tarsus 38.

Loc. Humaytha, Rio Madeira.

Type in Rothschild Museum at Tring.

Crypturus soui andrei, subsp. n.

Adult female. Differs from *C. soui soui* by having the upper surface greyish black and the underparts chestnut-umber.

Total length 240 mm. ; culmen 24 ; wing 136 ; tail 36 ; tarsus 35.

Loc. Trinidad.

Type in Rothschild Museum at Tring.

Crypturus soui harterti, subsp. n.

Adult female. Distinguished from *C. soui soui* in being everywhere darker, head without any shade of grey, throat tinged with grey, and the abdomen deep chestnut.

Total length 220 mm. ; culmen 22 ; wing 130 ; tail 42 ; tarsus 39.

Loc. Vaqueria, N. Ecuador.

Type in Rothschild Museum at Tring.

Crypturus undulatus confusus, subsp. n.

Adult female. Distinguished from *C. undulatus undulatus* by having the forehead slate-grey, sides of face vinous brown, fore-neck vinous brown minutely barred with black, and the back barred with deep vinous chestnut.

Total length 301 mm. ; culmen 31 ; wing 180 ; tail 53 ; tarsus 48.

Loc. Humaytha, Rio Madeira.

Type in Rothschild Museum at Tring.

Crypturus bartletti caroli, subsp. n.

Adult female. Distinguished from *C. bartletti bartletti* by having the back black with narrow fulvous cross-bars, the bars on the tail inclining to rufescent buff, the hind neck blackish, the fore-neck darker than in the type form, and the breast rufescent buff.

Total length 219 mm.; culmen 21; wing 148; tail 35; tarsus 43.

Loc. Rio Madeira.

Type in Rothschild Museum at Tring.

Crypturus cinnamomeus spencei, subsp. n.

Adult. Differs from *C. cinnamomeus cinnamomeus* by having the mantle cinnamon-brown, the back and tail dark brown rather broadly barred with buff, and the fore-neck dusky grey with rufescent bars.

Total length 295 mm.; culmen 30; wing 172; tail 46; tarsus 50.

Loc. Venezuela.

Type in the British Museum.

Crypturus hellmayri, sp. n.

Adult male. Allied to *C. strigulosus*, but differs by having the back dark brown with a wash of slate-grey, the fore-neck, breast, sides of the body, and axillaries dark slate-grey, and the inner under wing-coverts brown.

Total length 260 mm.; culmen 26; wing 152; tail 48; tarsus 47.

Loc. Humaytha, Rio Madeira.

Type in Rothschild Museum at Tring.

CRYPTURELLUS, gen. nov.

We have not included in the genus *Crypturus* the two species *C. tataupa* and *C. parvirostris*, as we consider them to differ generically, chiefly in the formation of the bills. In all the South-American species of the preceding genus (twenty) the nostrils are placed in the anterior half of the bill, whereas in *Crypturellus* they are situated in the posterior portion. The membrane on this part is more persistent than in *Crypturus* and the gonys is proportionately much longer.

We propose *C. tataupa* (Temminck) as the *type*; and the species will be as follows:—

Crypturellus tataupa (Temm.).

Crypturellus parvirostris (Wagl.).